



THESE FINE AWARDS will be given in the May safety poster contest. Seen at the left is the second prize, a three-quart Revere saucepan, and at right is the first prize, an electric deep-fat fryer.

'Positive Action, Prevention Of Accidents' Subject In New Y-12 Safety Poster Contest

February 28 Deadline To Enter May Competition; Topic Provides Wide Field For Ideas Expression

With the intriguing title "Positive Action, Prevention of Accidents" to work on, Carbide employees in the Y-12 Plant Area and members of their families will have a broad field in which to operate in the current safety poster contest. The contest, to last during the month of February, will be to provide the safety poster for the month of May—the winner being the contestant submitting a sketch or cartoon best interpreting the safety theme for the month.

As in all of the contests scheduled for the year by the Y-12 Safety Department to stimulate interest in the posters, handsome prizes will be given the Carbide employees submitting the sketches deemed the two best. The judging will be done by members of the Y-12 Safety Department.

The prizes for the February contest will be an electric deep fryer and a three-quart saucepan.

The deadline for submitting entries in the current contest will be at 8 a.m. on Tuesday, February 28, when all must be in the hands of the Safety Department, Bldg. 9704-2. If entries are mailed in they must bear the postmark of not later than midnight of the previous day, Monday, February 27.

Entries shall be submitted on paper eight and one-half by 11 inches, with the employee's name, address and badge number typed or printed at the top of the page. If the entrant is a member of a Carbide employee's family, the same information should be given in the same place, together with the relationship. The title or other wording shall not consist of more than 10 words. All entries become the property of the Safety Department, which retains the right to modify the sketches or wording before use.

COMPUTERS SMART

Electronic computers may not be able to think, but they come close to it. They have been "taught" to translate languages, compose music and play chess. One computer, programmed to play checkers, learned in 20 hours to beat its instructor. And a mathematical physicist used a computer to parlay \$6,000 into a \$240,000 fortune in six years by feeding it stock market data and following its advice.

Protecting Classified Data Supreme Duty

Unattended Documents Dangerous To Security

On April 21, 1778, Gen. George Washington stated, "A period is fast approaching, big with events of the most interesting importance, when the counsels we pursue and the part we act may lead decisively to liberty or to slavery." During the ensuing 183 years there has never been a time in the history of the United States when that statement has been more true than the present world situation.

Because each Y-12 employee is engaged in work affecting the nation's security and has information concerning that security, the "part we act" in protecting that information is of the utmost importance.

One important facet of protecting defense information is for custodians of classified documents to accept and carry out their responsibility to prevent any unauthorized access. This can be accomplished by assuring the following:

1. That such documents are never left unattended.
2. That files, in which such documents are stored, are always locked when unattended.

To do anything less than provide the protection for classified information required by security procedures is inviting compromise of the information involved and neglecting one's security duty.

Our national existence could depend upon the faithfulness with which Y-12ers carry out our individual security responsibilities.

SOY BEAN MEDICINE

In 2838 B.C., Chinese Emperor Shen-Nung listed 300 medicinal properties of soy beans, the Oriental protein that supplanted rice.

Take Safety Home—

Off-The-Job Accidents Are Hazard To Health Of Y-12ers Much More Than Plant Mishaps

Ratio More Than 25-1; Time Lost Increases

There's a well-known phrase saying "Leave your job at the plant."

The thought may be excellent as far as carrying it out to forget mental and physical stress and strain of working hours—but it certainly should not be construed to "leave your safety habits at the plant."

Statistics Are Stunning

However—it is a sober fact that many Y-12ers were doing just that throughout 1960, according to stunning statistics compiled for last year by the Y-12 Safety Department on off-the-job injuries.

These figures show that not only did most types of off-the-job accidents injuring Y-12ers during 1960 show a big increase over the 1959 figures—but also—

The ratio of off-the-job lost time accidents involving Y-12ers in 1960 to the lost time mishaps on-the-job in the Y-12 Plant was 25 to 1, and the days of work lost as a result of off-the-job injuries as compared to time lost from plant accidents was 19 to 1.

The cold figures for 1960 reveal that there were 126 disabling accidents off-the-job — with 3,399 days of work lost by Y-12ers. In the Y-12 Plant there were five disabling injuries, costing only 171 days of working time lost.

That's rather a severe indictment against the consistency of safety principles and ideas employed by Y-12ers within the Y-12 Plant Area—and after they leave for their homes. Of course, homes are the places for relaxation and rest—but not to such an extent that all the fundamental principles of accident-prevention are forgotten and put out of mind once the fireside or the highway or a recreation activity replaces the job position.

Safety Apparently Disregarded

Statistics are not kept as closely or as in such detail on off-the-job mishaps as for those in the Y-12 Plant. Therefore the exact cause for each of the 126 off-the-job injuries cannot be placed. However, available reports on several individual cases indicate a serious disregard—to say the least—of careful procedures in carrying out the chores of the household, gardens, traffic and recreational activities.

The off-the-job figures for 1960 and 1959 in the various categories of such accidents and days lost

Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 10 Days Or 280,000 Man-Hours (Unofficial Estimate) Without A Disabling Injury

Through January 29 Phone 7755 For Daily Report On Accident-Free Hours



THE PRINCIPALS IN THE TOP LEVEL COMPANY PERSONNEL CHANGES to become effective on March 1 are pictured above. At top left is Y-12 Plant Superintendent John P. Murray, who will become Union Carbide Nuclear Company Production Manager for Oak Ridge and Paducah, Ky., plants. The top right picture is Robert G. Jordan, now Superintendent of the UCNC Gaseous Diffusion Plant at Paducah, who will succeed Superintendent Murray in the Y-12 Plant. Robert A. Winkle, assistant to Mr. Jordan at Paducah and who will succeed him there, is shown at lower left. At lower right is Logan B. Emlet, present UCNC Production Manager who is being transferred to the Union Carbide New York offices to the position of vice president. Mr. Emlet is a former Y-12 Plant Superintendent, being succeeded by Mr. Murray on January 1, 1954.

Beaux-Arts String Quartet To Give Concert Saturday

The Beaux-Arts String Quartet will appear at Oak Ridge Civic Music Association's final concert of the 1960-61 chamber music series at 8:15 p.m. Saturday, February 4, in the Playhouse on Jackson Square.

Non-members of ORCMA may purchase tickets at the box office prior to concert time. The all American quartet is made up of Gerald Tarack, first violinist; Alan Martin, second violinist; Carl Eberl, violist; and Jules Eskin, cellist. The quartet made its formal debut in 1957 in Carnegie Hall, New York, and since that time has received wide acclaim in their tours.

They will play music by Mozart, Mendelssohn and Walton.

REALLY ROLLING

The American people spend more money each year to buy and operate automobiles than the total national income of Canada and Mexico combined.

Three UCC Divisions Had Products At Metals Show

Three Union Carbide Corporation Divisions exhibited metals at the National Metals Show, held in Philadelphia, Pa., during last fall. The show was attended by several Y-12ers. The UCC Metals display was "Select the Right Metal for the Job." The main feature of the Haynes Stellite display was a full-scale Lycoming T-53 gas turbine engine to describe advances in production and alloy ideas. The National Carbon Company exhibit included molds, crucibles, cupola linings, carbon brick for furnace lining and arc-furnace electrodes. Also shown were brushes, nuclear graphite and graphite textiles.

FIRST U.S. PATENT

The first United States patent was issued in 1836 to John Ruggles, of Maine, on a device to increase power of railway locomotives and to keep wheels from slipping.

The Bulletin

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Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days:

15 Years

Dewey J. Nichols, Beta Two, February 2.

Edward J. Schmidt, Z Area, February 4.

William T. McBryde, Special Testing, February 5.

10 YEARS

Richard C. Herrell, Alpha Four Cascade Operations, February 1.

Homer R. Ellis, Alpha Four Cascade Operations, February 1.

Claude M. Williams, Production Inspection, February 1.

Warren Bass, Research Services, February 1.

Arthur C. Harrington, Mechanical Maintenance, February 2.

Mose Sanders, Janitors, February 2.

Clarence L. Hawkins, Sunflower Shop, February 2.

Willis W. Hall, Guard Department, February 2.

John G. Scogin, Process Maintenance, February 5.

Burford L. Fain, Utilities, February 5.

Clyde C. Beller, General Machine Shop, February 5.

Irene V. Ellison, Production Assay, February 5.

Dolphus L. Holbert, Tool Grinding, February 5.

Claude H. Manis, SS Control, February 5.

Levator G. Cotter, Forming, February 5.

James E. Hale, Sunflower Shop, February 5.

Joy J. Winslett, Sunflower Shop, February 6.

Edward S. Jackson, Chemical, February 6.

Judge D. Kile, Beta Four Heavy Machine Shop, February 6.

William Smith, Area Five Maintenance, February 7.

Paul Surber, Guard Department, February 7.

Okley E. West, Stores, February 7.

David Jackson Owens Rites Held Monday In Oak Ridge

Following funeral services Monday morning of this week at the Central Baptist Church, Oak Ridge, the body of David Jackson Owens, 36, former Y-12er, was taken to Paducah, Ky., for interment. Mr. Owens, a foreman in the Y-12 Area Five Maintenance Department, died Saturday night, January 28, in Oak Ridge Hospital. He lived at 39 Outer Drive, Oak Ridge.

The former Y-12er was employed by Carbide at the Paducah Plant on March 5, 1952 and was transferred to the Y-12 Plant on July 1, 1954.

Fellow employees in Area Five Maintenance and other friends in the Y-12 Plant extend their sincere condolences to members of the family. Survivors include his widow, two daughters, Claudia and Celia; a son, David, all of Oak Ridge; his father, Crate Owens; and a brother, William, of Paducah.



Mrs. Avery L. Norwood, III



NORWOOD-VOILES

The marriage of Miss Jacque Sue Voiles and Avery L. Norwood, III, was solemnized at 7:30 p.m., Saturday, January 14, at the Trinity Methodist Church in Lenoir City. The Rev. Marvin Gass officiated.

The bride is the daughter of Mr. and Mrs. Hurst Y. Voiles, 707 W. Broadway, Lenoir City. He is in Process Maintenance in Y-12. The groom's parents are Mr. and Mrs. A. L. Norwood, Jr., also of Lenoir City.

For her wedding the bride chose a dress of ballerina length, made of Chantilly lace, over slipper satin, with a rounded neck and long pointed sleeves. A bridal illusion veil was held by a crown of sequins and seed pearls. She carried a white Bible topped with an orchid and lilies of the valley.

Mrs. Bill Allen was her sister's matron of honor. She wore a mint green wool sheath dress with matching green veil, and carried green carnations.

The groom's best man was his brother, Joe Norwood, also of Lenoir City.

The groom's parents honored the couple with a reception after the ceremony at the church.

Wedding music was presented by Miss Paulette Waller.

Miss Beverly Norwood, sister of the groom, kept the bride's book. Ushers were Jack Hill, Bill Allen, Jim Walker and Tom Mills.

The couple will live at 519 West Seventh Ave., Lenoir City, where both are employed by the First National Bank.

Y-12er Loyall G. Freeman Died January 29 In Ridge

Y-12ers in the Process Maintenance Department and other friends extend their sympathy to the family of Loyall G. Freeman, 49, a painter in that department who died at Oak Ridge Hospital Sunday morning. He had been a Y-12er since July 2, 1951. He lived at 103 West Sheridan Place, Oak Ridge.

Survivors include his widow, Mrs. Esther Johnson Freeman, of Oak Ridge; two daughters, Mrs. Wayne Provience, Knoxville; and Miss Sue Freeman, Oak Ridge; two sisters, Mrs. R. W. Huffaker, Dalton, Ga.; and Mrs. S. R. Boling, Jr., Greeneville, Tenn.; and a brother, Maj. Lawrence Freeman, U.S. Army in Germany.

Funeral services had not been completed at press time of The Bulletin on Monday morning of this week.



February Brings Groundhog Day, Valentine, Birthdays Of A. Lincoln And G. Washington



February — the shortest month in the year — still has its own share and more of observances, birthdays and anniversaries of important events in history. For instance — there is Groundhog Day, Valentine Day, birthdays of Abraham Lincoln and George Washington — in chronological order. Then, of course, once every four years comes Leap Year — but to the relief of various and sundry bachelors in Y-12 and throughout the nation, this is not Leap Year.

Groundhog Day for years has been one of the country's best known superstitions. This year it falls tomorrow, Thursday, February 2. Legend has it that observance of Groundhog Day was started in a Pennsylvania town by the jawbreaking name of Punxsutawney. The good burghers of that vicinity believed that if the peculiar little rodent crawls out of his den on February 2 and



sees his shadow the nation is doomed to six more weeks of wintry weather. However, if the day is cloudy and Mr. G. Hog doesn't cast a shadow then an early spring is to be hoped for.

In the matter of birthdays, probably the two best remembered are those of Abraham Lincoln and George Washington, two of the most important United States Presidents in history. Abraham Lincoln was born in Hodgenville, in neighboring Kentucky, where his log cabin birthplace now is enshrined, on February 12, 1809. His family moved soon thereafter to Indiana and then to Illinois, where "Honest Abe" laid the foundation for his political career.

The birthday of George Washington now is observed on February 22, which this year falls on four weeks from today. However, for the first 20 years of his life he observed February 11 as his birthday. He actually was born on February 11, 1732, in Virginia, when England and the colonies used the Julian calendar. He changed it to February 22—now generally observed — when the Georgian calendar was officially adopted in 1752. Another February date of interest in his life came on February 4, 1789, when he was elected as the first President of the United States.

Although bachelors need not be allergic to Leap Year this year as the season is "closed," another February date poses danger for the single men. Valentine Day comes on Tuesday, February 14, this year and the tradition of heart-shaped gifts leaves unwary bachelors open to trapping.

Here are some of the other interesting events in February:

February 1, 1893 — Thomas A. Edison completed the first moving picture studio in West Orange, N.J. Edison was born on February 11, 1847.

February 3, 1913 — The 16th Amendment to the United States Constitution, the Income Tax amendment, became law.

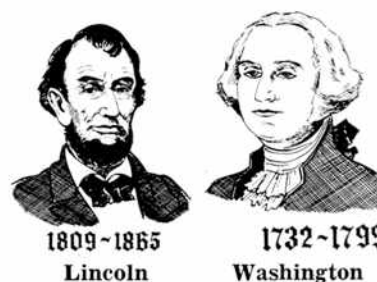
February 8, 1910 — Boy Scouts of America were incorporated.

February 9, 1861 — Jefferson Davis was elected president of the Confederacy by the Confederate Congress.

February 15, 1898 — The USS battleship Maine was blown up in Havana harbor, sparking the Spanish-American War.

February 22, 1630 — Friendly Indians shared the first Thanksgiving Day dinner with Massachusetts Bay colonists.

February 25, 1901 — The nation's first "billion-dollar corporation" was formed when J. P. Morgan incorporated the United States Steel Corporation.



1809-1865

Lincoln

1732-1799

Washington



This here now Cool Cat, contemplating the cozy cave of one Mr. Ground Hawg, is none other than Mehitabelle (fancy spelling, that), the Colyum's companionate feline. Mehitakitty is ready to mark down the weather predictions of Mr. G. Hawg when he pokes his snout out tomorrow, Thursday, February 2. However, Mehit doubtless is hoping, along with numerous and sundry millions of folks, for a total eclipse of the sun that will prevent the little rodent from seeing his shadow—therefore (the old story goes) six more weeks of winter.

Meanwhile, because of failure of dog sleds from several precincts from mushing through last Thursday's fine example of the East Tennessee Winter Wonderland (?) some of the expected Strictly Corn crop failed to arrive in time for publication. However, here's what accumulated, along with a few fillers, beginning with—

TECHNICAL

The parade of infantile pulchritude that has been permeating the Colyum for some weeks now is continued

with this picture of one-year-old Barry Houchin, a fine specimen of young manhood. He is the membership card in the Proud Pop's Club of B. W. Houchin, of the Production Inspection Department. The equally Proud Mom of the youngster is former Y-12er Evelyn "Fiz" Tucker. Congratulations from this corner and the department go to the family.



Barry

INDUSTRIAL RELATIONS

"Ship ahoy, sailor!" This is Curtis Honeycutt, son of Guard W. E. "Little Red" Honeycutt, of the Y-12 Boys in Blue and Gray of the Fire and Guard Department. Curtis has just finished boot training at the Great Lakes Naval Training Station, near Chicago, and has been selected to attend a Naval sonar school at Key West, Fla. He is a graduate of Jacksboro High School, where he was captain of the football team last season, made the Neyland Conference all-star team for two years and voted the most athletic student at JHS. . . Fireman T. E. Ford is welcomed back after a bout with the miseries. . . Get well wishes go to Guard L. A. Litton, who has returned to Houston, Tex., for more surgery. . . Likewise to Guards J. H. Russell and G. H. Harvey, on the ailing list.



Curtis

MAINTENANCE

Research Services extends sympathy to J. E. Hammond, whose mother died recently. . . Likewise to J. C. Zimmerman, whose brother succumbed a few days ago. . . W. T. Mitchell has a new granddaughter in Atlanta, Ga., but no further details now available. . . Rapid recovery wishes go to E. L. Pickard, re-

Continued on Page 4





HERE ARE THREE UPPER-BRACKET teams in the Classic League of Y-12 bowlers. The jovial gents at left are the Swingsters. Team members, from left, are Otis Rackley, Capt. Sewell Brown, J. B. Strickland,

Charley Beckett and George Cantrell. The center picture is of the Playboys. Standing, from left, are Harry Keen, Gordon Fielden, Dick Brothers and Neal Dow. Dave Smith is seated. The growling

Wolves are at right, bowlers being Frank Gragg, C. C. Neely, Roy Scates, Capt. Fred Uffelman, Newt Hamby and Merle Emery. The league is staging another close race this season.

Big Five Blasts Way To First Place In C Pin League

Big Five bowlers blasted their way to the top of the C League standings in timber topping on December 13 by clawing the Alley Cats for three points. Previously tied with the new leaders were the C Shift maple maulers, who were chilled by the Chillers for three to drop to second place. The recently high-flying Hifliers sloped the whitewash brush over the Ramblers for four points and a similar defeat was marked up by the Beta Fours over the Par Busters. The Hookers took three from the Sunflowers and the SPs licked the IBMs by the same margin.

The Big Five were aided along by Ben Alexander's 256 scratch and 283 handicap game and Curt Ridings' 582 scratch series. Howard Horne, Chillers, eased into the act with a 662 handicap series. In team scoring it was the Big Five all the way with scores of 968, 1083, 2659 and 3005 across the board.

League standing follows:

Team	W	L
Big Five	18	6
C Shift	16	8
Hifliers	15	9
Hookers	14	10
Beta Four	14	10
Alley Cats	13	11
Chillers	13	11
IBMs	12	12
SPs	11	13
Ramblers	9	15
Par Busters	5	18
Sunflowers	4	20

Teams Continue Pistol League Tie

The Sharpshooters and Masters maintained their tie in the Y-12 Pistol League action on January 16, each taking scratch and handicap victories over the Marksmen and Experts, respectively. The Sharpshooters took a 522-469 and 578.618 to 573.599 decision and the Masters mauled the Experts by 536-465 and 583.618 to 576.257.

Dave Alford had 282 scratch and 291.644 handicap figures for the Masters. C. C. Beeler had 254 scratch for second place and Newt Hamby was high in handicap scoring with 291.974. For the Experts K. A. Schumaker was high in scratch and handicap with 274 and 291.144. J. C. Clark was second scratch with 191 for the Experts and J. V. Ledbetter second in handicap with 285.113.

Ed Bailey was high gun in both scratch and handicap for the Sharpshooters with 274 and 291.345. E. C. Williams was next in scratch at 248 and F. S. Patton in handicap with 287.273. T. J. Bush was high for the Marksmen with 251 and 287.525. O. C. Beatty had 218 and H. A. Lasseter 286.074 for second places.

League standing follows:

Team	W	L
Sharpshooters	19	7
Masters	19	7
Marksmen	10	16
Experts	4	22

Make security a daily concern in your life.

Beavers Capture Bush Loop Crown

Rollmasters Close Fast For Second In First Half

Although dropping three points to the Rodders in the last night of play in the first half of the season in the Bush League of Y-12 bowlers on January 23, the Beavers finished well out in front to take the title. The Rollmasters closed fast in the stretch to take three from the Pin Busters and take second place as luck ran out on the Lucky Five, which dropped four points to the Rollniks. The Hi Balls quenched the Balls O' Fire for three and one-half points and the Alley Gators gulped the Nine Pins for three to round out the program.

Although Harold Zang, Balls O' Fire, had the high scratch series score of the night with 569, Tommy Overton, Rodders, took most individual scoring honors. He posted a 231 scratch game, boosted to 273 with handicap, and a 687 handicap series. The Hi Balls had the best team single game scores of 880 and 1053. The Pin Busters' 2509 scratch series was high as was the 2981 handicap series by the Rollniks.

League standing follows:

Team	W	L
Beavers	49	23
Rollmasters	42	30
Lucky Five	39½	32½
Pin Busters	39½	32½
Balls O' Fire	38½	33½
Rollniks	37	35
Alley Gators	34½	37½
Hi Balls	31½	40½
Rodders	28½	43½
Nine Pins	28	52

Toppers Maintain Mixed League Lead

The Toppers maintained their position in the top berth of the Mixed League for Y-12 bowlers by scrapping the Scrappers by three points. Other action saw the Phantoms claw past the Cool Cats by the full four points; the Goofers came through with three points over the Nip and Tucks; and the Alley Cats and the Pin Plasters split two points each.

Verna Peckman, Phantoms, had a good night on the hardwood by posting a 191 and extending that to a 235 in handicap singles. Ruby O'Kain, Toppers, took both series honors with a 528 and 609. On the male side of the fence, Bob Jago, Toppers, rolled high singles with a 235 and 256. Ken Pluhar, subbing on the Pin Plasters team, took series scratch with a 599, and Wayne Silvers, Goofers, took handicap series tops with a fine 644. In team scoring it was the Toppers all the way, scoring 704, 818, 1998, and 2338 consecutively.

League standing follows:

Team	W	L
Toppers	16	4
Pin Plasters	13	7
Scrappers	12	8
Goofers	12	8
Phantoms	8	12
Nip and Tucks	7	13
Alley Cats	6	14
Cool Cats	6	14

Reactors Defeat Lab Demons 53-51 In Basketball Loop

The two league-leading teams in the Carbide Basketball League clashed last week in a hair-raiser, the Y-12 Reactors finally pulling it out of the bag by a score of 53-51 over the Oak Ridge Gaseous Diffusion Plant's Lab Demons. Trailing at half-time by three points, the Reactors came back in the last half to ease by the Demons by only two points. Top scoring for the Reactors was done by Chandler and Fitzgerald with 14 points each, while Slatery and Mothershed led the losers with 17 and 16 respectively.

The Y-12 Buzzards lost two by forfeit—to the ORGDP D Shifters, and to the ORGDP Hot Shots.

Other action saw the Y-12 Players drop two, one to the ORGDP All Stars to the tune of 49 to 40; another to fellow plantmen, the Hoopniks, 31 to 28.

The Y-12 Atoms defeated fellow Y-12ers, the Hawks, 46 to 41 with Pugh and Pridgen leading the way. Jim George and Ken Brady paced the losers in top netting.

Two ORGDP teams in a make-up game, the Hot Shots and Lab L played a game originally scheduled during the holidays. The Hot Shots took this one with the lopsided score of 56 to 21.

Team	W	L
Reactors	7	1
Hot Shots	6	1
Lab Demons	6	2
All Stars	6	2
Hoopniks	5	2
Hawks	5	3
Atoms	5	3
Players	3	6
D Shift	3	6
Lab L	2	6
Rebels	0	6
Buzzards	0	9

Y-12 Riflemen Top ORGDP, Take First

The Y-12 rifle team defeated the Oak Ridge Gaseous Diffusion Plant team in both scratch and handicap scoring in the Carbide Rifle League match held January 25. The Y-12 team moved out into first place by one single point.

Brady led his fellow Y-12ers by winning both scratch and handicap scores with a fine 291, and 292.673. Other high scratch marksmen were De Walt, 287; Davis, 283; Powers, 282; and Blay, 277. Handicap target scores were registered by Blay, 291.129; De Walt, 290.557; Powers, 290.080; White, 289.160.

League standing follows:

Team	W	L
Y-12	19	8
ORNL	18	9
Independents	17	10
ORGDP	0	27

Patient: "Why are the shades down, doctor?"

Doctor: "There's a big fire across the street. I don't want you to come out of the anesthesia and think the operation has been a failure."

Friday Deadline For Y-12ers To Enter 1961 Annual Plant Bowling Tourney

Record Number Of Contestants Are Expected To Enter Competition On February 18 And 19

With Friday of this week, February 3, set as the deadline for plant bowlers to enter the 1961 Y-12 Plant Bowling Leagues Tournament, both men and women maple maulers were rushing last week to get their entry blanks for the big event. The tournament, expected to draw a record list of competitors, is set for Saturday and Sunday, February 18 and 19, at the Ark Bowling Lanes, Oak Ridge.

Entry blanks have been distributed among secretaries of each of the four bowling leagues in the Y-12 Plant. They must be returned to the Y-12 Recreation Office, Room 149, Bldg. 9704-2, not later than 4:30 o'clock on the Friday, February 3 deadline. Entry fees must accompany each form.

Fees for both men and women bowlers in the tournament will be \$1.50 per person, per event, for bowling and \$1 per person, per event, for prize money. A 50-cent fee for all events prize money is optional.

As indicated in the title for the 1961 tournament, only Y-12 bowlers who have competed in regular league play in one of the plant loops are eligible to enter.

Competition will be staged for both men and women in teams, singles, doubles, mixed doubles and all events. The low scratch scorers of both men and women in scratch, all events, will be proclaimed tournament champion for the year 1961.

Tournament handicaps will be based on the highest league averages in league play on January 20. The averages must be certified by secretaries of each league.

The tournament will be rolled under rules of the American Bowling Congress and the Women's International Bowling Congress. Complete plant local rules are printed on each entry blank.

Y-12 Volleyballers Find Going Rough

All Y-12 teams in the Volleyball League for Carbiders lost last week as the C Shift team fell six games behind by forfeit to the Oak Ridge National Laboratory teams Biology No. 1 and No. 2—three games each. The other Y-12 team, the Hunters, fell to the ORNL Set-Ups, second placers in the League, by three games to scores of 15-13, 15-9, 16-14. The A Shift volleymen from Oak Ridge Gaseous Diffusion Plant crushed the ORNL Biology No. 1 men by scores of 15-2, 15-1, 15-13.

League standing follows:

Team	W	L
Spikers	15	0
Set Ups	17	1
A Shift	15	3
Process Engineers	7	11
Hunters	6	12
Biology No. 2	5	10
Biology No. 1	6	15
MIT	4	8
Eagles	3	9
C Shift	3	12

Smelters Whitewash Screwballs, Hold Classic Loop Lead

The Smelters clung to the top berth in the Classic League of Y-12 bowlers last week by belting the Screwballs for four points. Other four-point whitewash victories were enjoyed by the Cubs over the Markers and the Eight Balls over the Rebels. All other action saw teams taking three point wins over their opponents. They were the Bumpers over the Rippers, Swingsters over the Wasps, Wolves over the Tigers, Has Beens over the Sportsmen, and the All Stars over the Playboys.

J. E. Morgan, Sportsmen, took top single game honors with a 238, and 258, while Otis Rackley, Swingsters, took scratch series tops with 605. Bobby Rutherford, Has Beens, had the high handicap series with 687. In team highs the Sportsmen took both scratch and handicap game honors with 999, and 1115. The Bumpers were top series scratch winners with 2682, and the Has Beens took handicap series tops with 3017.

League standing follows:

Team	W	L
Smelters	17	3
Bumpers	14	6
Swingsters	14	6
Wolves	13	7
Sportsmen	11	9
Cubs	11	9
Rippers	10½	9½
Wasps	10	10
Has Beens	10	10
Playboys	9½	10½
Tigers	9	11
All Stars	7	13
Rebels	6	14
Markers	6	14
Screwballs	6	14
Eight Balls	6	14

Skeeters Resume Firing February 5

The second official round of firing in the Y-12 Skeet League's second half will be held at 1 o'clock next Sunday afternoon, February 5, at the Oak Ridge Sportsmen's Association.

In the January 29 firing, some shooters failed to qualify. These skeeters may qualify those points by firing two rounds. Also new teams wishing to enter the competition may enter into action with Y-12 marksmen by firing two rounds.

The national existence could depend upon the faithfulness with which we carry out our security responsibilities.

BULK RATE
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Ride wanted from Halls Cross Roads section to West Portal, straight day. Andrew S. Peterson, plant phone 7-8280, home phone Halls WA-2-4681.

Ride wanted from 306 East Drive, Oak Ridge, to North Portal, straight day. Betty Hurt, plant phone 7032, home phone Oak Ridge 5-5802.

Riders wanted from Central Ave. Pike, Powell, to East, North or West Portal, straight day. W. H. Donahue, plant phone 7411, home phone Knoxville WH 7-7021.

Rider wanted from South Knoxville to any portal, straight day. E. E. Cook, plant phone 7-8445, home phone Knoxville 7-4786.

Ride wanted from South Knoxville via Oak Ridge Highway to Central or West Portal, B Group on rotating shift. J. H. Humphreys, plant phone 7786, home phone Knoxville 7-9860.

Two riders wanted from West Haven, Cumberland Estates sections, Knox County, to any portal, straight day. Bill Clark, plant phone 7-8861, home phone Knoxville 5-1365.

Will join car pool or ride wanted from University of Tennessee section, Knoxville to North Portal, straight day. M. P. Edwards, plant phone 7-8759, home phone Knoxville 3-5274.

AAUW Presents Spanish Film And French Fantasy Sunday

A Spanish film, "Calle Mayor", is the latest foreign film to be shown by the American Association of University Women. The film will also be accompanied by an award-winning short "The Red Balloon". "Calle Mayor" is the story of a town spinster who is the victim of a cruel hoax by the bored young men of the community. It stars Betsy Blair, of "Marty" fame.

Both films will be presented at the Robertsville Junior High school Auditorium, Sunday, February 5. A special showing for children for the short, a fantasy without dialogue, will be shown at 6 p.m. The main feature will be shown at 7 p.m., and again at 9:20 p.m. Tickets will be available at the door.

AICE To Hold Dinner-Dance At Holiday Inn Friday Night

The Knoxville-Oak Ridge chapter of the American Institute of Chemical Engineers will hold its annual dinner-dance at the Holiday Inn at 8 p.m. Friday, February 3. The annual meet will feature the installation of new officers for 1961.

Members and their guests are invited to attend, and may make reservations by calling Robert Milford, telephone 6951.

New president of the AICE is J. W. Prados, a professor at the University of Tennessee.

Off-Job Mishaps Grow

Continued from Page 1

show Automobiles 50-29-1,271,909; Home 49-1,398-19-317; Recreation 15-16-298-332 and Others 12-18-432-92. The 126 off-the-job accidents in 1960 with their 3,399 days of time lost compared to 92 mishaps in 1959 with 1,842 days lost.

The tables show Recreation and Other Causes accidents ran only slightly less in 1960 than in 1959 with other categories increased.

Bizarre Accidents Reported

One bizarre home accident last year involved a Y-12er who was working in his garden. Spying a ground hog leaving the garden, the Y-12er obtained a gun, but in his haste to get off a shot he slipped, the gun discharged and the bullet clipped off the gardener's toe. Power mowers were lethal on several occasions, causing bruised feet from sticks and metal rods, eyes hit by hurled rocks, and cut fingers. In the field of recreation a newcomer to the trampoline craze sustained a sprained spinal cord while bouncing up and down. A ladder slipped while one Y-12er was painting his garage and he broke an arm. Another had his foot functured by a garden rake when he stepped on the instrument. So it went, through the 126 reports.

With this big menace of off-the-job injuries creating a growing hazard to the continued good health and well-being of every Y-12er—isn't it time right now for one and all to carry home the safety teaching principles they receive in the Y-12 Plant and keep practicing them in the hours away from the plant as well as while at work?

ASTE Sets Father-Son Night At Karns On February 7

The American Society of Tool Engineers will have a father-son night at Karns Elementary School, in the Karns Community, Tuesday night February 7, at 7 p.m.

A movie "A Hole for Kalako" will be shown at the meeting. All members and families of ASTE members are invited to attend as well as guests. Special attention is given the invitation to wives and sons of members of the ASTE. Y-12ers may make reservations through Harold Alvy, plant phone 7258.

Jewish Group Sets Play For February 4, 5, 11, 12

An original play "The Solitary In A House" will be presented Saturday and Sunday, February 4 and 5, at the Beth El Center, at 8:15 p.m. both evenings. The drama, written by Oak Ridger Dot De Camp, will be presented by the Ladies Auxiliary of the Jewish Congregation.

The play will be repeated the following week end, on February 11 and 12. Tickets will be available at the Beth El Center prior to each curtain time.

The ability to speak in many languages is valuable, but the ability to keep your mouth shut in one is priceless.



Continued from Page 2

covering from an eye operation in a Johnson City hospital . . . V. B. Williams has sufficiently recovered from his ticker trouble to leave the hospital and return to his home. Pals hope he will be back soon.

A very unhappy Y-12er is C. W. Wilkerson, of the Garage. He has lost a Hamilton wrist watch—and believes he misplaced it in the plant. What makes it so important to the Y-12er is not so much the monetary value of the timepiece—but the fact that it was given to him by his son. The watch bears the inscription "Tangerine Bowl, 1961, Orlando, Fla." and was given Wilkerson by his son, who played in the football game there New Year's. If anyone finds the watch, by notifying Wilkerson he will certainly receive well-earned thanks.

Another sea-going son of a Y-12er is getting a fine start on his United States Navy career. He is Donald F. Dolsen, whose Pop is Marvin J. Dolsen, of Area Five Maintenance. Donald, seaman apprentice, USN, recently graduated from the aviation familiarization course at the Naval Air Technical Training Center at Memphis. The two-week course included instruction in many topics of value to seamen and graduates are advanced to one of the many technical schools at the Center.

Electrical recently rolled out its welcome carpet for T. D. Bagwell, K. D. Bolling, B. L. Grogan, F. R. Hntt, P. E. Mitchell, G. B. Raelins, C. J. Moore, B. C. Neubert, R. V. Walker, L. W. Harris and Ruby Lucas . . . Ruby will replace Blanche Miller, who will be leaving soon to prepare a landing place for Mr. Stork . . . T. V. Williams and R. E. Seviars are welcomed back after a short stay with another department on assignment . . . Get well wishes are rushed to R. F. Moyers, ailing at Oak Ridge Hospital; W. H. Pool, fighting the flu at home; J. F. Johnson and also the wife of R. C. Hauter, in St. Mary's Hospital in Knoxville.

Here's another gem from the Argonne News—

"What's your cat's name, little boy?"

"Ben Hur."

"Odd name for a cat."

"Well, we just called him Ben until he had kittens."

ENGINEERING

Project Engineering sends its most heart felt get well wishes to the wife of Bob Fowler. She is in Oak Ridge Hospital for surgery and may be out of circulation for some time . . . Joyce "Babe" Williamson is back from her "thrill of a lifetime," that trip to Washington to attend the JFK inauguration shindig. She returned with frost-bitten toes and a load of souvenirs—but nary a Nixon button.

MECHANICAL OPERATIONS

The TW Shop extends condolences to Donald Neeley, whose father died January 22.

The General Machine Shop has only some ailing folks to report. So the Shoppers send rapid recovery wishes to John Gordon, department superintendent, who is in Johns Hopkins Hospital, Baltimore, for eye surgery . . . Get well wishes also go to J. B. McConnell, H. L. Howell and Ed Armstrong, nursing their miseries at home. The same goes to Kirby Duke, Fred Pugh, Andy Spiva and Dorris Willey, in Oak Ridge Hospital.

CHEMICAL OPERATIONS

Beta Two's Ray Smith has returned from a week of basking in Florida sunshine—but he wishes he was right back there . . . Buford Rea is children-tend-



RECEIVING HIS \$1 AWARD LETTER is Otto P. Sheller, Chemical Engineering Development, left, from Y-12 Plant Superintendent John P. Murray. Roger F. Hibbs, Superintendent of the Technical Division, looks on in center. The presentation was made in the office of Superintendent Murray on Friday, January 13.

Otto Sheller Is Added To Growing List Of One Dollar Patent Award Recipients

'Method For Reducing UF4 To Metallic Uranium' Earns Latest UCNC Honor For Y-12 Chemist

Another Y-12er was added to the impressive list of employees receiving "\$1 Letters" from Union Carbide Nuclear Company for the assignment of a patent to the United States Government a few days ago when Otto P. Sheller, Chemical Engineering Development of the Technical Division, was presented his award dollar.

The patent given Sheller is entitled "Method for Reducing Uranium Tetrafluoride to Metallic Uranium." The award letter, together with the stipulated \$1 in cash came from Clark E. Center, UCNC vice president, and read:

"Union Carbide Nuclear Company, Union Carbide Corporation, takes pleasure in presenting the attached (\$1 bill)."

"This is the \$1 stipulated in the patent assignment to the United States of America executed by you in connection with the filing of a patent application on your Oak Ridge development entitled 'Method for Reducing Uranium Tetrafluoride to Metallic Uranium.'"

The presentation of the \$1 Letter was made by Y-12 Plant Superintendent John P. Murray in his office. Technical Division Superintendent Roger Hibbs also was present at the presentation.

The process for which he received his award is described by ing at home while vacationing as his wife is undergoing observation in University Hospital, Knoxville . . . Sympathy is extended Laura Hawkins, whose husband died last week.

SHIFT SUPERINTENDENTS AND UTILITIES

Rapid recovery wishes are extended A. W. Byford, in Presbyterian Hospital, Knoxville, for major surgery . . . I. L. Hill is welcomed back after hospitalization in Oak Ridge . . . C. F. Meadors visited friends in Chattanooga recently . . . D. Stevens and family visited his parents in Jellico a few days ago . . . K. E. Caugron and folks also were Chattanooga visitors to kin folks recently . . . D. W. Woody took his family to Nashville to see his brother . . . J. D. Tolliver and his folks went up to Williamsburg, Ky., to visit his ill father . . . A. S. Howell's daughter, with her new baby, recently visited him from Nashville.

Remember, these are the "good old days" you are going to miss in 1975. With that encouraging thought—this is that.

Sheller as basic uranium chemistry that will expedite the processing of metallic uranium.

Sheller, who came to Y-12 on May 15, 1952, is a native of Rome, Ohio. He holds a Chemical Engineering degree from Purdue University. The chemist is a veteran of the United States Army, having served four years in the Chemical Warfare Corps during World War II, leaving with the commission of first lieutenant. Sheller, with his wife and six children, lives at 138 Athens Road, Oak Ridge.



Get well wishes are sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Kirby Duke, Fred M. Pugh, Dorris M. Willey, and Andy R. Spiva, General Machine Shop; John W. Montgomery, Process Maintenance; Martin L. Sullivan, Guard; Ira L. Hill, Utilities; Marcus B. Potter and James H. Nicholson, Product Processing; Lonnie K. Dickey, Production Inspection; William E. Ramsey, Metallurgical Development; Von B. Williams, Research Services; Russell F. Moyers, Electrical; Raymond L. McKinney, Mechanical Maintenance; Lyman C. Hale, TW Shop.

Engineering Division Sets Valentine Hop February 11

The Oak Ridge Country Club will be the scene of the Y-12 Engineering Division's Valentine dance, to be held Saturday, February 11, from 9 p.m. until 1 a.m.

Music will be provided by Dave Blessing and his orchestra, the leader being a Y-12er in Research Services. Tickets to the event are available from Lettie Ault, Eleanor Bennett, Troy Burklow, Clarice Cagle, B. E. Cooper, Bill Fleischman, John Hill, Bobby Hopkins, Lou Kovac, Ronnie Stenglein, and C. A. Trotman.

Sign in plant employing female operators: "Caution! If your clothes are too loose, beware of the machines. If they are too tight, beware of the machinists."

Courteous drivers are careful.